

# COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

ATTORNEY DOCKET NO.: 060410-5001-00

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

## DISPLAY IMAGE ENHANCEMENT APPARATUS AND METHOD USING ADAPTIVE INTERPOLATION WITH CORRELATION

the specification of which:

is attached hereto; or

was filed as United States application Serial No. \_\_\_\_\_ on \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable); or

was filed as PCT international application Number \_\_\_\_\_ on \_\_\_\_\_ and was amended under PCT Article 19 on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

### PRIOR FOREIGN/PCT APPLICATION(S) AND ANY PRIORITY CLAIMS UNDER 35 U.S.C. §119:

COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED UNDER 35 U.S.C. §119
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No
			<input type="checkbox"/> Yes <input type="checkbox"/> No

## Combined Declaration For Patent Application and Power of Attorney - (Continued)

(includes Reference to PCT International Applications)

ATTORNEY DOCKET NO.: 060410-5001-00

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) or PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT UNDER 35 U.S.C. §120:

U.S. APPLICATIONS		STATUS (Check One)		
U.S. APPLICATION NO.	U.S. FILING DATE	PATENTED	PENDING	ABANDONED

PCT APPLICATIONS DESIGNATING THE U.S.			STATUS (Check One)		
PCT APPLN. NO.	PCT FILING DATE	U.S. SERIAL NO.	PATENTED	PENDING	ABANDONED

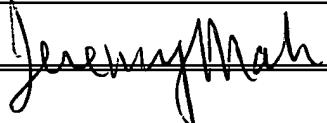
**POWER OF ATTORNEY:** as a named inventor, I hereby appoint the following attorney to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Send Correspondence To:  <b>Morgan, Lewis &amp; Bockius LLP</b> 1111 Pennsylvania Avenue, N.W. Washington, D.C. 20004	Direct Telephone Calls To: (name and telephone number)  <b>Collin W. Park</b> (202) 739-5516
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## Combined Declaration For Patent Application and Power of Attorney - (Continued)

(includes Reference to PCT International Applications)

ATTORNEY DOCKET NO.: 060410-5001-00

FULL NAME OF SOLE OR FIRST INVENTOR	Seong H. Park	
RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY Pleasanton, California	COUNTRY OF CITIZENSHIP REPUBLIC OF KOREA
POST OFFICE ADDRESS	5247 Armani Ct., Pleasanton, CA 94588	
FIRST OR SOLE INVENTOR' SIGNATURE		
FULL NAME OF SECOND INVENTOR	DATE 1/22/04	
RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY San Jose, California	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	1081 Queensbridge Court, San Jose, CA, 95120	
SECOND INVENTOR'S SIGNATURE		
FULL NAME OF THIRD INVENTOR	DATE 1/22/04	
RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY San Jose, California	COUNTRY OF CITIZENSHIP JAPAN
POST OFFICE ADDRESS	1426 Main Entrance Drive, San Jose, CA 95131	
THIRD INVENTOR'S SIGNATURE		

Listing of Inventors Continued on attached page(s)       Yes       No

Applicant or Patentee: Seong H. PARK, et al.

Serial or Patent No.: Unassigned

Filed or Issued: Concurrently Herewith

For: DISPLAY IMAGE ENHANCEMENT APPARATUS AND METHOD USING  
ADAPTIVE INTERPOLATION WITH CORRELATION

**VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY  
STATUS (37 CFR 1.27)-SMALL BUSINESS CONCERN**

I hereby declare that I am

the owner of the small business concern identified below:  
 an official of the small business concern empowered to act on behalf of the concern identified

below:

NAME OF CONCERN: TECHWELL, Inc.

ADDRESS OF CONCERN: 631 River Oaks Parkway, San Jose, CA 95134 United States of America

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121, for purposes of paying reduced fees under Section 41(a) and (b) of Title 35, United States Code, in the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third-party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed, to and remain with the small business concern identified above with regard to the invention, entitled: **DISPLAY IMAGE ENHANCEMENT APPARATUS AND METHOD USING ADAPTIVE INTERPOLATION WITH CORRELATION**

by inventor(s) Seong H. PARK, et al., described in

the specification filed herewith.  
 application serial no. \_\_\_\_\_, filed \_\_\_\_\_.  
 patent no. \_\_\_\_\_, issued \_\_\_\_\_.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights in the invention is listed below and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.27(a)(1) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.27(a)(2) or a nonprofit organization under 37 CFR 1.27(a)(3).

NAME:			
ADDRESS:			
<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> SMALL BUSINESS CONCERN	<input type="checkbox"/> NON PROFIT ORGANIZATION	
NAME:			
ADDRESS:			
<input type="checkbox"/> INDIVIDUAL	<input type="checkbox"/> SMALL BUSINESS CONCERN	<input type="checkbox"/> NON PROFIT ORGANIZATION	

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small business entity is no longer appropriate. (37 CFR 1.28(b)).

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this verified statement is directed.

NAME OF PERSON SIGNING: Hiro KOZATO

TITLE OF PERSON OTHER THAN OWNER: CEO

ADDRESS OF PERSON SIGNING: 631 River Oaks Parkway, San Jose, CA 95134

SIGNATURE

DATE



1-22-04